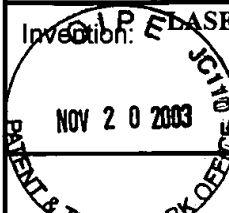
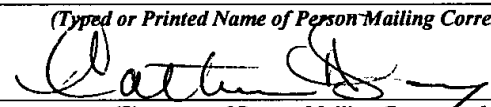


11-21-03 4/1

GAU-2828 \$

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No. 0118-00101
Applicant(s): Gang Liu			
Serial No. 09/827,764	Filing Date 4/6/01	Examiner Menefee, James A.	Group Art Unit 2828
Invention: LASER DRIVER FOR A LASER SENSING SYSTEM			
<div style="float: left; width: 150px; text-align: center;">  </div>			
I hereby certify that the following correspondence:			
Amendment transmittal letter//Amendment response//Declaration of Gang Liu//Petition for extension of time form//Check No. 18473 in the amount of \$ 475.00, Postcard			
<i>(Identify type of correspondence)</i>			
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on			
<u>November 20, 2003</u> <i>(Date)</i>			
<u>Catherine A. Sauve</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i>			
 <i>(Signature of Person Mailing Correspondence)</i>			
<u>EV 409388668 US</u> <i>("Express Mail" Mailing Label Number)</i>			
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 60%;"> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p> </div> <div style="width: 35%; text-align: right;"> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">RECEIVED</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">DEC-5 2003</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">TECHNOLOGY CENTER 2800</p> </div> </div>			

AMENDMENT TRANSMITTAL LETTER (Small Entity)Applicant(s): **Gang Liu**

Docket No.

0118-00101

Serial No.

09/827,764

Filing Date

4/6/01

Examiner

Menefee, James A.

Group Art Unit

2828Invention: **LAZER DRIVER FOR A LASER SENSING SYSTEM**

NOV 20 2003

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

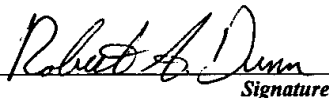
- ☒ Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted.
- ☐ A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	-	20 =	0 x	\$9.00	\$0.00
INDEP. CLAIMS	-	3 =	0 x	\$43.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. _____ in the amount of _____
- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **04-1131**
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.


SignatureDated: **November 20, 2003**

Robert A. Dunn (Reg. No. 30,556)
Dinnin & Dunn, P.C.
2701 Cambridge Ct.
Suite 500
Auburn Hills, MI 48326

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Signature of Person Mailing Correspondence**Typed or Printed Name of Person Mailing Correspondence*

cc:

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)
(Small Entity)

Docket No.
0118-00101

In Re Application Of: Gang Liu

Serial No.
09/827,764

Filing Date
4/6/01

Examiner
Menefee, James A.

Group Art Unit
2828

Invention: **LASER DRIVER FOR A LASER SENSING SYSTEM**

TO THE COMMISSIONER FOR PATENTS:

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of 5/20/03 in the above-identified application.
Date

The requested extension is as follows (check time period desired):

☐ One month ☐ Two months ☒ Three months ☐ Four months ☐ Five months

from: 8/20/03 until: 11/20/03
Date *Date*

A verified statement of small entity status as a small entity under 37 CFR 1.27:

- ☐ is enclosed.
☒ has already been filed in this application.

The fee for the extension of time is \$475 and is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 04-1131
☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 04-1131


Signature

Dated: November 18, 2003

Robert A. Dunn (Reg. No. 30,556)
Dinnin & Dunn, P.C.
2701 Cambridge Ct.
Suite 500
Auburn Hills, MI 48326

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

11/28/2003 KBETEMAI 00000083 09827764

01 FC:2253

475.00 DP

cc:



NOV 19 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gang Liu

Serial No. 09/827,764

Filed: April 6, 2001

Title: LASER DRIVER FOR A LASER SENSING SYSTEM

Art unit: 2828

Examiner: James A. Menefee

Attorney Docket No: 0118-00101

RECEIVED
PTO-5 2003
RECEIVED 06/11/03 2800

DECLARATION OF GANG LIU

I, Gang Liu, being hereby warned that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application or any resulting patent, declares that the facts set forth in this application are true; all statements made of my own knowledge are true; and all statements made on information and belief are believed to be true.

I have many years experience in the electrical engineering specialties of laser drivers and laser sensing systems.

I am the sole inventor of the subject matter of United States Patent Application Serial No. 09/827,764 entitled Laser Driver For A Laser Sensing System. I am familiar with and have reviewed the references cited in prosecution of United States Patent Application Serial No. 09/827,764.

United States Patent No. 5,821,527 to Rudd discloses only a p-channel MOSFET that includes a body diode that is reverse biased during normal operation. It is common practice for engineers to omit the illustration of the body diode when illustrating a MOSFET. In this system the diode is forward biased when a reverse polarity is applied. The MOSFET does not turn off when reverse polarity is applied, and does not provide protection to the laser.

Dated: _____

8/4/03

By: _____



Gang Liu, Ph.D., President
Analog Technologies, Inc.